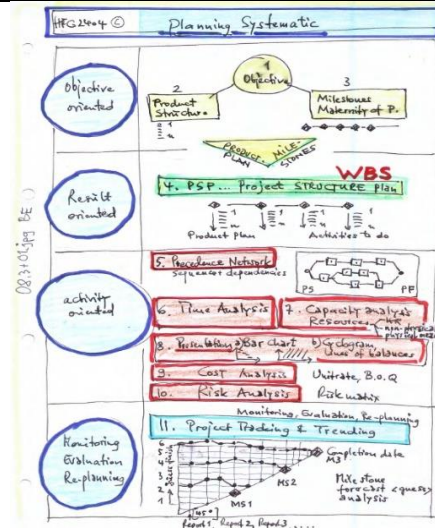


# We know our Business. Hence Your Problems will be solved by our abilities.

We deliver our comprehensive services in General Management, in technical, financial, administrative **Construction Management**, Communication and **Contract/Claim/Variation Management** for Employers and Contractors

We structure your WBS, we follow a proper **planning systematic** with Times / Resources with their **Production outputs**, Turnover / EVA-Planning, Tracking and Trending /Prognoses.



Firstly, we peruse the best approach, either

- ✓ prospective,
- ✓ **contemporaneous (best M. to validate)** and
- ✓ retrospective critical path method, in order to identify the potential of the most **accurate and most trustworthy outcomes**. We scrutinize the **owner's (ERE) or contractor's (CRE)**-caused disruptions and delays with **preserved evidences** in (a) Resource deployment, (b) rate of Production, (c) Schedule durations, and (d) Turnover/Cost effects and compare the attributions.

We use different **Analysis Methods/Techniques** (plan vs. achieved, like (i) as-planned vs. as-built, (ii) as planned, but for (iii) impacted as planned, (iv) Time slice / snap shot analysis, (v) collapsed as built, (vi) Time impact analysis (, (vii) impacted as built. Our professionals draft the proper **WBS-baseline / revised work programs**, examine the “steady/erratic” rate of progress over time to verify (+/-) the accuracy and credibility on the purported information. We also do **sophisticated resource levelling** in order not to violate the schedule constraints and to **validate (+/-) the subject matter**.

Disruption and Delay Analysis (i) actual (ii) planned % / cost (iii) reschedule outstanding works per month										
ID	Task Name	Start	sa. Dur	Finish	main/active% uratic	Act Cost	plan5 TXT20	plan Cost10	Remaining Cost	
1	Project	01.01.2022	171 d	27.08.2022	64,9... 62%	302.800 €	77%	399.110 €	160.200 €	
2	P&G	01.01.2022	130 d	30.06.2022	46,2... 64%	80.600 €	99%	135.000 €	54.400 €	
3	a	01.01.2022	40 d	06.06.2022	8 d 80%	34.400 €	100%	43.000 €	8.600 €	
4	b	10.02.2022	30 d	18.06.2022	12 d 80%	28.200 €	100%	47.000 €	18.800 €	
5	c	12.03.2022	20 d	30.06.2022	12 d 40%	18.000 €	100%	45.000 €	27.000 €	
6	WBS BRI	01.04.2022	85 d	28.07.2022	23,8 d 72%	128.500 €	80%	142.470 €	60.500 €	
7	11	01.04.2022	40 d	04.07.2022	4 d 90%	45.000 €	100%	50.000 €	5.000 €	
9	13	10.06.2022	30 d	28.07.2022	9 d 70%	49.000 €	70%	49.000 €	21.000 €	
8	12	11.05.2022	30 d	19.07.2022	15 d 50%	34.500 €	63%	43.470 €	34.500 €	
10	WBS HWS	01.04.2022	89 d	03.08.2022	37,8... 58%	55.900 €	74%	81.000 €	25.100 €	
11	31	01.04.2022	20 d	06.07.2022	6 d 70%	51.100 €	100%	73.000 €	21.900 €	
12	32	21.04.2022	20 d	14.07.2022	8 d 60%	4.800 €	100%	8.000 €	3.200 €	
13	33	11.05.2022	40 d	03.08.2022	20 d 50%	0 €	48%	0 €	0 €	
14	WBS TUN	01.04.2022	106 d	27.08.2022	47,... 55%	37.800 €	59%	40.640 €	20.200 €	
15	21	01.04.2022	40 d	04.07.2022	4 d 90%	18.000 €	100%	20.000 €	2.000 €	
16	22	11.05.2022	30 d	16.07.2022	12 d 60%	16.800 €	63%	17.640 €	11.200 €	
17	23	10.06.2022	60 d	27.08.2022	42 d 30%	3.000 €	30%	3.000 €	7.000 €	
18	TIC	27.08.2022	0 d	27.08.2022	0 d 0%	0 €	0%	0 €	0 €	

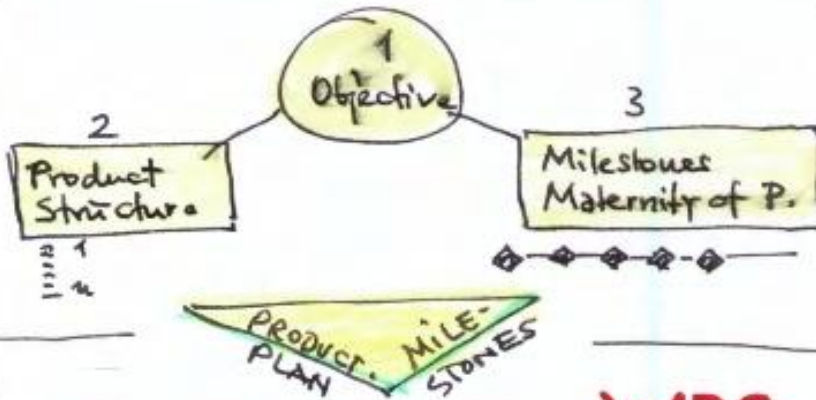
Planning Systematic : objective-, result-, activity oriented structure with control measures in all project cycles: monitoring, evaluation and re-planning.

[www.gub21.de/08.3+ArkNoah\\_004.jpg](http://www.gub21.de/08.3+ArkNoah_004.jpg) ...

HFG 2404 ©

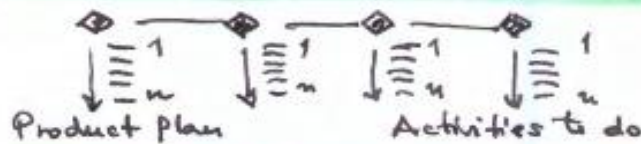
# Planning Systematic

Objective oriented



Result oriented

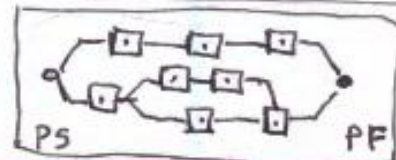
## 4. PSP... Project STRUCTURE plan



activity oriented

## 5. Precedence Network

sequence & dependencies



## 6. Time Analysis

## 7. Capacity analysis

Resources: non-physical, physical means

## 8. Presentation

a) Bar chart, b) Gantt diagram, lines of balances

## 9. Cost Analysis

Unitrate, B.o.Q

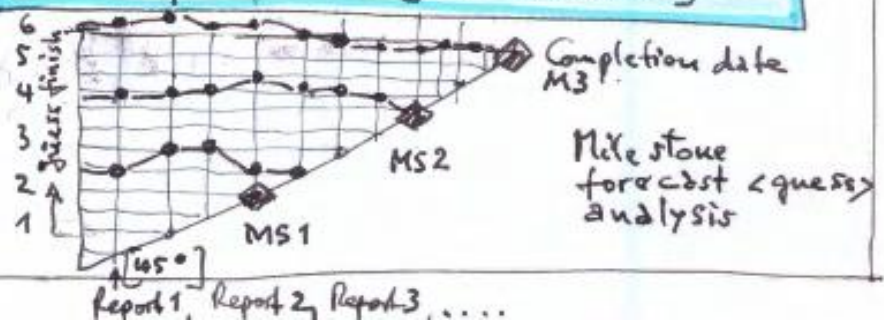
## 10. Risk Analysis

Risk matrix

Monitoring  
Evaluation  
Re-planning

## 11. Project Tracking & Trending

Monitoring, Evaluation, Re-planning



08.3+01.jpg BE

Our professionals deliver competent, experienced and accountable results for **Employers / Consultants / DAAB / Arbitration Tribunals**.  
 Support to draft irrefutable **Claim Notices/Requests, Variation Proposals** for **Notices of Determinations, Referrals / Rejoinders / Rebuttals** for **DAAB / Dispute Avoidance & Adjudication Boards & independent witness reports** for arbitration tribunals,  
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Disruption and Delay Analysis (i) actual (ii) planned % / cost (iii) reschedule outstanding works per month																																			
ID	Task Name	Start	sa. Dur	Finish	maini uratic	Active%	Act Cost	plan5 TXT20	plan Cost10	Remaining Cost	er	January	March	May	July	Sept																			
											M	B	E	M	B	E	M	B	E	M	B	E	M	B	E	M	B	E	M	B	E				
1	Project	01.01.2022	171 d	27.08.2022	64,9...	62%	302.800 €	77%	399.110 €	160.200 €	1	[Gantt chart bar for Project, 62% complete]																							
2	P&G	01.01.2022	130 d	30.06.2022	46,2...	64%	80.600 €	99%	135.000 €	54.400 €	2	[Gantt chart bar for P&G, 64% complete]																							
3	a	01.01.2022	40 d	06.06.2022	8 d	80%	34.400 €	100%	43.000 €	8.600 €	3	[Gantt chart bar for a, 8 d delay]																							
4	b	10.02.2022	30 d	18.06.2022	12 d	60%	28.200 €	100%	47.000 €	18.800 €	4	[Gantt chart bar for b, 12 d delay]																							
5	c	12.03.2022	20 d	30.06.2022	12 d	40%	18.000 €	100%	45.000 €	27.000 €	5	[Gantt chart bar for c, 12 d delay]																							
6	WBS BRI	01.04.2022	85 d	28.07.2022	23,8 d	72%	128.500 €	80%	142.470 €	60.500 €	6	[Gantt chart bar for WBS BRI, 72% complete]																							
7	11	01.04.2022	40 d	04.07.2022	4 d	90%	45.000 €	100%	50.000 €	5.000 €	7	[Gantt chart bar for 11, 4 d delay]																							
9	13	10.06.2022	30 d	28.07.2022	9 d	70%	49.000 €	70%	49.000 €	21.000 €	9	[Gantt chart bar for 13, 9 d delay]																							
8	12	11.05.2022	30 d	19.07.2022	15 d	50%	34.500 €	63%	43.470 €	34.500 €	8	[Gantt chart bar for 12, 15 d delay]																							
10	WBS HWS	01.04.2022	89 d	03.08.2022	37,8...	58%	55.900 €	74%	81.000 €	25.100 €	10	[Gantt chart bar for WBS HWS, 58% complete]																							
11	31	01.04.2022	20 d	06.07.2022	6 d	70%	51.100 €	100%	73.000 €	21.900 €	11	[Gantt chart bar for 31, 6 d delay]																							
12	32	21.04.2022	20 d	14.07.2022	8 d	60%	4.800 €	100%	8.000 €	3.200 €	12	[Gantt chart bar for 32, 8 d delay]																							
13	33	11.05.2022	40 d	03.08.2022	20 d	50%	0 €	48%	0 €	0 €	13	[Gantt chart bar for 33, 20 d delay]																							
14	WBS TUN	01.04.2022	106 d	27.08.2022	47,...	55%	37.800 €	59%	40.640 €	20.200 €	14	[Gantt chart bar for WBS TUN, 55% complete]																							
15	21	01.04.2022	40 d	04.07.2022	4 d	90%	18.000 €	100%	20.000 €	2.000 €	15	[Gantt chart bar for 21, 4 d delay]																							
16	22	11.05.2022	30 d	16.07.2022	12 d	60%	16.800 €	63%	17.640 €	11.200 €	16	[Gantt chart bar for 22, 12 d delay]																							
17	23	10.06.2022	60 d	27.08.2022	42 d	30%	3.000 €	30%	3.000 €	7.000 €	17	[Gantt chart bar for 23, 42 d delay]																							
18	TfC	27.08.2022	0 d	27.08.2022	0 d	0%	0 €	0%	0 €	0 €	18	[Gantt chart bar for TfC, 0 d delay]																							